

5 结 语

靶区定位技术,尤其是小范围找矿靶区定位一直是地学领域关注的焦点。定位准确程度直接关系到矿产勘查效率和效益。矿产勘查投资巨大,风险极高,主要是由于矿产分布的复杂性和找矿方法的不肯定性造成的,因而找矿靶区的定位就显得尤为重要。要对靶区做出确切定位,是一个十分复杂的综合资料整理和系统的综合研究过程。随着数字处理技术的飞速发展,地质成矿理论研究的不断深入,特别是化探、物探、遥感技术的巨大进步,综合信息找矿靶区定位研究无疑会渐趋成熟。

文章在拟定过程中,承蒙石家庄经济学院张洪

研究员和韩存强高级工程师提出修改建议,仅此致谢!

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LOCATION ANALYSIS OF PROSPECTING TARGET IN THE WEISHANCHENG GOLD - SILVER METALLOGENETIC BELT, TONGBAI COUNTY OF HENAN PROVINCE

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Abstract: Weishancheng gold - silver mineralizing belt develops as a narrow NW - SE trending belt. Two super - large deposits, Poshan silver deposit and Yindongpo gold deposit, which are the important metaclastic deposits in China, have been found in the belt. Furthermore, more than 30 mineralizing spots, geophysical and geochemical anomalies of different scales have been discovered in the belt successively. It is quite difficult to choose prospecting target through the prospecting information. After years practice and studies combining known mineralization spots with geophysical and geochemical anomalies, the surrounding areas of Yindonglin silver deposit and Yindongpo gold deposit are chosen as chief prospecting targets on the basis of synthetical analysis, selection and evaluation of prospecting information. Development has been achieved through location analysis of small - scale prospecting target and engineering inspection.

Key words: Weishancheng gold - silver mineralizing belt, target location, geophysics, geochemistry

中国有色赞比亚谦比希湿法炼铜项目建成投产

近日,中国有色集团赞比亚谦比希湿法炼铜项目全面建成进入试生产阶段。该项目投产后,赞比亚谦比希铜矿将覆盖采矿、选矿、湿法 3 个生产工艺,主要产品涵盖铜精矿和最终产品阴极铜。

赞比亚谦比希铜矿是中国有色集团投资开发的我国第一座也是迄今为止最大的海外有色金属矿山,是中非合作的标志性项目。该矿 2003 年 7 月投产以来已累计生产铜精矿含铜 6.3 万 t。该矿的矿区地表堆存有大量的氧化矿和尾矿,为了充分利用该部分资源,中国有色集团于 2004 年决定采用先进的浸出一萃取—电积工艺,投资建设赞比亚谦比希湿法炼铜项目并于日前建成投产。